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L3 ANSWER 48 OF 83 CA COPYRIGHT 2005 ACS on STN
AN 128:155553 CA
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TI Sprayable waterborne **composition for covering
landfills**
IN Trieu, Dung Q.
PA Central Fiber Corporation, USA
SO Can. Pat. Appl., 37 pp.
CODEN: CPXXEB
DT Patent
LA English
IC ICM C09D101-02
ICS B09B001-00; C09D187-00
CC 42-7 (Coatings, Inks, and Related Products)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CA 2184047 /	AA	19970225	CA 1996-2184047	19960823
PRAI	US 1995-518968	A	19950824		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
CA 2184047	ICM	C09D101-02
	ICS	B09B001-00; C09D187-00

AB A spray-over compn. for forming a cover layer or barrier layer
over municipal waste, ash, and hazardous waste disposal sites comprises a
formulation comprising 45-97% matrix builder such as fiber materials,
2-28% matrix binder, and 4-35% bulking agent combined with H2O. A typical
coating contains paper cellulose 75.0, Ca sulfate 20.0, guar gum 4.6,
CaOH2 0.3, and Na borate 0.1%.

ST moisture barrier **landfill cover**; fireproof barrier
landfill cover; odor barrier **landfill
cover**

IT Acrylic polymers, uses
Aminoplasts

- Ca sulfate - hardener
- guar gum
- cellulose (polymer)